

11-30-01 A

Sheet 1 of 4

TRANSMITTAL FORM FOR FILING PATENT APPLICATION

Attorney Docket No.: TYCO-013XX

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BOX PATENT APPLICATION
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Express Mail No: EV 009949129 US
Date: November 28, 2001
First Named Inventor or Application
Identifier: Kenneth V. Puglia

1050 U.S. PTO
09/29/96 652
11/28/01

Sir:

Transmitted herewith under 37 CFR § 1.53 for filing is the patent application of:

Inventor: Kenneth V. Puglia

Entitled: SENSOR FRONT-END WITH PHASE CODING CAPABILITY

[] This is a request for filing a [] continuation [] divisional
[] continuation in-part application under §1.53(b) of prior Application
No. _____, filed _____, entitled:

Enclosed are:

[X] 23 pages of written description, claims and Abstract, inclusive

[X] 10 sheets of [X] informal [] formal drawings of Figs. 1-10 (one set)

[X] Oath or Declaration

[X] Newly executed (original or copy)

[] Copy from prior application (37 CFR 1.63(d)) (for
continuation/divisional). The entire disclosure of the prior
application, from which a copy of the oath or declaration is supplied,
is considered as being part of the disclosure of the accompanying
application and is hereby incorporated by reference therein.

[] To be filed later

[X] Cover sheet and Assignment of the invention to: TYCO Electronics Corporation

[] Certified copy of a _____ application (if foreign priority
is claimed) with letter claiming priority under Rule 55.

[] Information Disclosure Statement with ___ citations

[] Preliminary amendment is enclosed.

[X] Return receipt postcard

[] Small entity status is entitled to be, and hereby is, asserted for this
application.

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TRANSMITTAL FORM FOR FILING PATENT APPLICATION (CONTINUED)

[] Other: _____

[] Priority is claimed under 35 USC § 120 as indicated on the attached sheet 4.

[] Priority is claimed under 35 USC §119(a)-(d) as indicated on the attached sheet 4.

[] Priority is claimed under 35 USC §119 (e) as indicated on the attached sheet 4.

[] _____ is hereby appointed Associate Attorney by:

Registration No.: _____

Attorney of Record

Registration No.: _____

[] Power of Attorney in the originally-filed application has been granted to one or more of the registered attorneys listed below. The attorneys listed below not previously granted power in the originally-filed application, as well as _____, are hereby given associate power:

Registration No.: _____

Salvatore Anastasi, Reg. No. 39,090	Robert J. Kapalka, Reg. No. 34,198
Michael J. Aronoff, Reg. No. 37,770	Driscoll A. Nina, Jr., Reg. No. 34,685
Stephen J. Driscoll, Reg. No. 37,564	Bruce J. Wolstoncroft, Reg. No. 32,075

[] Cancel in this application original claims _____ of the prior application before calculating the filing fee.

[] Add in this application claims _____ per amendment before calculating fee.

CLAIMS FILED:	MINUS BASE:	EXTRA CLAIMS:	RATE:	BASIC FEE:
				\$740.00
Independent	2 - 3	= 0	x \$84.00 =	0.00
Total	12 - 20	= 0	x \$18.00 =	0.00
[] Multiple Dependent Claims (1st presentation)				+ \$280.00 = 0.00
SUBTOTAL FILING FEE				\$740.00
Small Entity filing, divide by 2. (Small Entity status must be asserted.)				N/A
TOTAL FILING FEE				\$740.00

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TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)

- The filing fee has been calculated above; a check in the amount of \$740.00 is enclosed.
- The filing fee will be submitted at a later date.
- In the event a Petition for Extension of Time under 37 CFR §1.17 is required by this paper and not otherwise provided, such Petition is hereby made and authorization is provided herewith to charge Deposit Account No. 23-0804 for the cost of such extension.
- The Commissioner is hereby authorized to charge payment of any additional filing fees under 37 CFR §1.16 associated with this communication or credit any overpayment to Deposit Account No. 23-0804.

Address all future communications to:

TYCO Technology Resources
4550 New Linden Hill Road
Suite 450
Wilmington, Delaware 19808-2952
Tel: (302) 633 2763 Fax: (302) 633 2776



Attorney of Record: Stanley M. Schurgin
Registration No. 20,979

Attorney Docket No.: TYCO-013XX

TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)

[] Priority is claimed under 35 USC § 120 of prior Application(s) No. _____, filed _____, entitled:

[] The above-identified application(s) is/are assigned of record to:

[] Priority is claimed under 35 USC § 119 (a)-(d) of the following application(s).

(Application Number)	(Country)	(Filing Date)
(Application Number)	(Country)	(Filing Date)
(Application Number)	(Country)	(Filing Date)

[] The above-identified application(s) is/are assigned of record to:

[] Priority is claimed under 35 USC § 119 (e) of the following provisional application(s).

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

[] The above-identified provisional application(s) is/are assigned of record to:

SUBMIT IN TRIPPLICATE

SMS/TPG/mdm/262924